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# **EAST SEARCH**

		EAST SEARCH	7/22/04
<b>L</b> #	Hits	Search String	Databases
[1	47411	("computer graphics" same mesh) or (("finite element" or surface) with mesh)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
2 :	1063	1 and (mesh with (simplification or decimation or reduction or approxmation or encoding))	JSPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
ខ	28	2 and (merg\$3 with (vertices or edge\$1 or vertex))	JSPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
7	230	(optimiz\$5)	JSPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
<b>L</b> 5	33	2 and (optimiz\$5) and (number with edges with vertices)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
P-	22	(optimiz\$5) and (geo	
۲۷	89	2 and (optimiz\$5) and ((deviation or error) with mesh)	EPO; JPO; DERWENT;
<b>L</b> 8	83	aud	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
67	48	2 and (edge\$1 same (curvature or dynamics))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
L10	7	2 and (curvature with threshold\$1)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
11	310	2 and ((edge with length) or (surface\$1 with face\$1))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
L12	8	2 and ((edge with length) or ((mean or average) with surface\$1 with face\$1))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
L13	19	1 and (mesh with (simplification or decimation or reduction or approxmation or encoding) with USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM	JSPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
L14	22	2 and (geometric\$2 with optimiz\$5)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
L15	14	2 and (minimiz\$5 with volume)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
L16	27	2 and (("source mesh" with "simplified mesh") or "original object")	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
L17	0	$\overline{}$	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
L 18	52	"shift vectors" or (dif	JPO; DERWENT; IBN
L19	7		JSPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
<b>[</b> 20	ო		JPO; DERWENT; IBN
[24	0		JSPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
[22	<del>2</del>	2 and (interpolat\$3)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
L23	36	2 and (mesh with interpolat\$3)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
124	19	2 and (progressive with encod\$3)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
L25	4	and (	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
L26	क्ष	2 and ((limit\$5 with deterioration) or (elementary near2 conversion) or queue)	JSPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
L27	4		US-PGPUB; EPO;
L28	19		JSPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
[	19	2 and ("virtual reality" or simulation or modeling)	JSPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
L30	33	1 and (mesh with (simplification or decimation or reduction or approxmation or encoding) with USPAT; US-PGPUB;	ISPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
L31	Ξ	2 and (minimiz\$5 with gradient)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
L32	4	1 and (mesh with (simplification or decimation or reduction or approxmation or encoding) with USPAT; US-PGPUB; EPO;	ISPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
L33	თ	1 and (mesh with ("compression rate" or (geometric\$2 with complexity)))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
L34	0	1 and (minimiz\$5 with (adaptive near2 gradient))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
<b>L35</b>	က	1 and (adaptive near2 gradient)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
136	135	1 and (minimiz\$5 with gradient)	JSPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
L37	251	1 and (((mesh with (simplification or decimation or reduction or approxmation or encoding)) ar USPAT; US-PGPUB;	

# **EAST SEARCH**

## 7/22/04

Results of search se	Results of search set L37:(the compound case)			
Document Kind Codes Title	s Title Issue Date	Date	Current OR	Abstract
US 20040128010 A1	Efficient data representation of teeth model		86/002	
US 20040110110 A1	Computer automated development of an orthodontic treatment plan and appliance		433/24	
US 20040096799 A1	System and method for separating three-dimensional models		433/24	
US 20040095343 A1	Multi-resolution spatial partitioning		345/419	
US 20040089802 A1	Mass analysis apparatus and method for mass analysis		250/285	
US 20040073401 A1	Method for positioning defects in metal billets, and related articles		702/181	
US 20040069647 A1	Plating apparatus, cartridge and copper dissolution tank for use in the plating apparatus, and plating method	method	205/101	
US 20040054253 A1	Coated sling material		600/37	
US 20040051711 A1	Integrated system for quickly and accurately imaging and modeling three-dimensional objects		345/419	
US 20040047415 A1	Motion estimator for coding and decoding image sequences		375/240.01	
US 20040023188 A1	Systems and methods for removing gingiva from computer tooth models		433/215	
US 20040017368 A1	Mesh compression process		345/419	
US 20030213107 A1	Slide fastener having separable bottom end stop		24/433	
US 20030206178 A1	Systems and methods for providing signal-specialized parametrization		345/582	
US 20030206177 A1	Systems and methods for providing a fine to coarse look ahead in connection with parametrization metrics in : 345/582	netrics in :	345/582	
US 20030206165 A1	Systems and methods for optimizing geometric stretch of a parametrization scheme		345/420	
US 20030180205 A1	Conversion of nitrogen oxides in the presence of a catalyst supported on a mesh-like structure		423/239.1	
US 20030164301 A1	Electro-plating apparatus & method		205/80	
US 20030139834 A1	Efficient data representation of teeth model		86/002	
US 20030128209 A1	Shape-intrinsic watermarks for 3-D solids		345/420	
US 20030112239 A1	Method of mesh simplification via ununiform spatial division		345/428	
US 20030076319 A1	Method and apparatus for encoding and decoding an object		345/420	
US 20030067462 A1	Evaluating method, generating method and apparatus for three-dimensional shape model		345/420	
US 20030066618 A1	Machine for the production of a fiber web		162/363	
US 20030063086 A1	3D computer model processing apparatus		345/420	
US 20030052875 A1	System and method to obtain surface structures of multi-dimensional objects, and to represent those surface	e surface	345/419	
US 20030046617 A1	Error metric for mesh simplification processing		714/48	
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US 20030001835 A1	Integrated system for quickly and accurately imaging and modeling three-dimensional objects		345/419	
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US 20020196256 A1	Discontinuity edge overdraw		345/441	
US 20020186216 A1	3D computer modelling apparatus		345/422	
US 20020177108 A1	Systems and methods for removing gingiva from computer tooth models		433/215	
US 20020167518 A1	System and method for computer modeling of 3D objects or surfaces by mesh constructions having optimal q 345/428	optimal q	345/428	
US 20020164851 A1	Guard mesh for noise isolation in nighty integrated circuits Integrated evetem for anitytiv and accordately impains and modeling than dispositional actions		438/215	
200000000000000000000000000000000000000	mograced system for quiewly and accurately integring and inforcering unleasuring toplects		345/424	

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US 20020149580 A1	Method for generating detail directed visibility elements for a graphics model	345/419
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6064771	System and method for asynchronous, adaptive moving picture compression, and decompression	382/232
6047088	2D mesh geometry and motion vector compression	382/243
6046744	Selective refinement of progressive meshes	345/419
	Implantable conformal coil patch electrode with multiple conductive elements for cardioversion and defibrillatic 607/129	607/129
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5988862	Integrated system for quickly and accurately imaging and modeling three dimensional objects	703/6
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